

**A System and Method for Developing and Administering Web Applications and Services From a Workflow, Enterprise, and Mail-Enabled Web Application Server and Platform**

**Abstract of the Disclosure**

5           A workflow, enterprise, and mail-enabled application server and platform supports distributed computing and remote execution of web applications. Lotus Domino online services (DOLS) is used by a web site administrator to configure Internet Notes (iNotes) clients to auto download  
10       from server, thus providing iNotes clients with web access using HTTP with various browsers, and with local processing and replication. A local run time model comprises a hierarchy of models including object data store model, security model, indexing model, replication model, agent  
15       workflow model and mail model. DOLS provides a layered security model that allows flexibility for controlling access to all or part of an application. The highest level of security is managed through a database access control list (ACL). Further refinements within the security model  
20       provide access to specific documents, and their views, forms or folders, and include read access lists, write access lists, form access lists and readers and authors fields.